

Serial No.: 09/382,553

Attorney Docket No.: 1999P07755US03

IN THE CLAIMS:

This listing of the claims will replace all prior versions and listings of the claims in the application:

1. (Previously Presented) A communication network, comprising:
 - at least one instance of a first object type associated with a first product of the communication network;
 - at least one instance of a second object type associated with a second product of the communication network;
 - first local means for configuring each instance of the first object type;
 - second local means for configuring each instance of the second object type;
 - a network management server comprising a product specific coordinator including means for coordinating configuration activities among each instance of the first object type via the first local means and means for coordinating configuration activities among each instance of the second object type via the second local means and further comprising a network coordinator adapted for configuring each instance of a network object comprising a first component associated with the first object type and a second component associated with the second object type; and
 - a network management client including a graphical user interface adapted for enabling a user to invoke the network management server;
 - wherein network managed objects define network entry objects representing components residing in one or more nodes and resource objects defined by a plurality of endpoints and product entry objects representing local objects presented to network entry objects and those not associated with network entry objects.
2. (Original) The communication network of claim 1, wherein the first object type comprises a phone mail object and the first local means comprises a phone mail server process.

Serial No.: 09/382,553

Attorney Docket No.: 1999P07755US03

3. (Original) The communication network of claim 1, wherein the second object type comprises a PBX object and the second local means comprises a PBX server process.

4. (Original) The communication network of claim 1, further comprising a CORBA compliant interface between the product specific coordinator and the first local means.

5. (Original) The communication network of claim 1, wherein the network coordinator includes means for accessing network object data from a directory server.

6. (Original) The communication network of claim 5, wherein the directory server is LDAP compliant.

7. (Original) The communication network of claim 5, further comprising a first LDAP compliant bridge for uploading first object type data from each instance of the first object type to the directory server and a second LDAP compliant bridge application for uploading second object type data from each instance of the second object type to the directory server.

8. (Original) The communication network of claim 1, wherein the network management client includes a CORBA compliant interface to the network management server.

9. (Original) The communication network of claim 1, wherein the network object is a person object comprising a phone mail object component and a PBX object component.

Serial No.: 09/382,553

Attorney Docket No.: 1999P07755US03

10. (Original) The communication network of claim 1, wherein the network object comprises a resource object including a first end point address and a second end point address.

11. (Original) The communication network of claim 10, wherein the first and second end point addresses reside in different instances of the first object type.

12. (Original) The communication network of claim 10, wherein the first end point address resides in an instance of the first object type and the second end point address resides in an instance of the second object type.

13. (Previously Presented) A communication network manager, comprising:
a network management server including a product specific coordinator comprising means for coordinating configuration activities among each instance of a first object type via first local configuration means and means for coordinating configuration activities among each instance of a second object type via second local means, and further comprising a network coordinator adapted for configuring each instance of a network object comprising a first component associated with the first object type and a second component associated with the second object wherein network managed objects define network entry objects representing components residing in one or more nodes and resource objects defined by a plurality of endpoints and product entry objects representing local objects presented to network entry objects and those not associated with network entry objects; and

a network management client suitable for enabling a user to invoke the network management server.

14. (Original) The network manager of claim 13, wherein the first object type comprises a phone mail object and the first local means comprises a phone mail server process.

Serial No.: 09/382,553

Attorney Docket No.: 1999P07755US03

15. (Original) The network manager of claim 13, wherein the second object type comprises a PBX object and the second local means comprises a PBX server process.

16. (Original) The network manager of claim 13, further comprising a CORBA compliant interface between the product specific coordinator and the first local means.

17. (Original) The network manager of claim 13, wherein the network coordinator includes means for accessing network object data from a directory server.

18. (Original) The network manager of claim 17, wherein the directory server is LDAP compliant.

19. (Original) The network manager of claim 17, further comprising a first LDAP compliant bridge for uploading first object type data from each instance of the first object type to the directory server and a second LDAP compliant bridge application for uploading second object type data from each instance of the second object type to the directory server.

20. (Original) The network manager of claim 13, wherein the network object is a person object comprising a phone mail object component and a PBX object component.

21. (Original) The network manager of claim 13, wherein the network object comprises a resource object including a first end point address and a second end point address.

22. (Original) The network manager of claim 21, wherein the first and second end point addresses reside in different instances of the first object type.

Serial No.: 09/382,553

Attorney Docket No.: 1999P07755US03

23. (Original) The network manager of claim 21, wherein the first end point address resides in an instance of the first object type and the second end point address resides in an instance of the second object type.

24. (Currently Amended) A method of managing a communication network, comprising:

identifying the components of a network object in response to a network configuration request in response to a network configuration request from a network management server;

invoking a first local configuration application to configure a first component of the network object; and

invoking a second local configuration application to configure a second component of the network object;

wherein network managed objects define network entry objects representing components residing in one or more nodes and resource objects defined by a plurality of endpoints and product entry objects representing local objects presented to network entry objects and those not associated with network entry objects.

25. (Original) The method of claim 24, wherein the step of identifying the components comprises accessing object data from an LDAP compliant directory server.

26. (Original) The method of claim 24, wherein the configuring of the first component comprises configuring a PBX object of the communication network.

27. (Original) The method of claim 26, wherein the step of configuring the first component comprises taking an action selected from the group comprising removing, adding, and changing the first component.

28. (Original) The method of claim 24, wherein the configuring of the second component comprises configuring a phone mail object of the communication network.

Serial No.: 09/382,553

Attorney Docket No.: 1999P07755US03

29. (Original) The method of claim 28, wherein the step of configuring the second component comprises taking an action selected from the group comprising removing, adding, and changing the second component.

30. (Previously Presented) A communication network, comprising:
first local configuration modules;
second local configuration modules;
a network management server including:
a network coordinator configured to coordinate each instance of a network object, the network object comprising a first component associated with a first object type and a second component associated with a second object type, the first and second object type associated with the first and second local configuration modules;
a product specific coordinator configured to coordinate configuration activities among instances of the first object type and the second object type;
wherein said network management server is configured to coordinate said network object by identifying said first and second components, identifying associated first and second object types and invoking associated first and second local configuration modules at locations where said first and second object types are identified wherein network managed objects define network entry objects representing components residing in one or more nodes and resource objects defined by a plurality of endpoints and product entry objects representing local objects presented to network entry objects and those not associated with network entry objects.

31. (Previously Presented) A communication network in accordance with claim 30, wherein said network object comprises a person object and said first component is a PBX component and said second component is a phone mail component.

Serial No.: 09/382,553

Attorney Docket No.: 1999P07755US03

32. (Previously Presented) A communication network in accordance with claim 30, wherein said network object comprises identifies a plurality of components associated with said network object.

33. (Previously Presented) The communication network of claim 30, wherein the first object type comprises a phone mail object and the first local means comprises a phone mail server process.

34. (Previously Presented) The communication network of claim 30, wherein the second object type comprises a PBX object and the second local means comprises a PBX server process.

35. (Canceled)

36. (New) A telecommunication network configuration method, comprising:
specifying a network object, the network object including components associated with a plurality of local objects;
identifying which local objects are associated with said network object; and
invoking local configuration modules coordinated from a network management configuration module associated with said local objects to configure said network object.

37. (New) A communication network, comprising:
at least one instance of a first object type associated with a first product of the communication network;
at least one instance of a second object type associated with a second product of the communication network;
first local means for configuring each instance of the first object type;
second local means for configuring each instance of the second object type;

Serial No.: 09/382,553

Attorney Docket No.: 1999P07755US03

a network management server comprising a product specific coordinator including means for coordinating configuration activities among each instance of the first object type via the first local means and means for coordinating configuration activities among each instance of the second object type via the second local means and further comprising a network coordinator adapted for configuring each instance of a network object comprising a first component associated with the first object type and a second component associated with the second object type.

38. (New) A communication network manager, comprising:

a network management server including a product specific coordinator comprising means for coordinating configuration activities among each instance of a first object type via first local configuration means and means for coordinating configuration activities among each instance of a second object type via second local means, and further comprising a network coordinator adapted for configuring each instance of a network object comprising a first component associated with the first object type and a second component associated with the second object; and a network management client suitable for enabling a user to invoke the network management server.

39. (New) A method of managing a communication network, comprising:

identifying the components of a network object in response to a network configuration request from a network management server;
invoking a first local configuration application to configure a first component of the network object; and
invoking a second local configuration application to configure a second component of the network object.

40. (New) A communication network, comprising:

first local configuration modules;
second local configuration modules;

Serial No.: 09/382,553

Attorney Docket No.: 1999P07755US03

a network management server including:

a network coordinator configured to coordinate each instance of a network object, the network object comprising a first component associated with a first object type and a second component associated with a second object type, the first and second object type associated with the first and second local configuration modules;

a product specific coordinator configured to coordinate configuration activities among instances of the first object type and the second object type;

wherein said network management server is configured to coordinate said network object by identifying said first and second components, identifying associated first and second object types and invoking associated first and second local configuration modules at locations where said first and second object types are identified.